

changes have been made to the test facility and that these changes have resolved the reasons for disqualification.

**§ 86.1108-87 Maintenance of records.**

(a) The manufacturer of any new gasoline-fueled or diesel heavy-duty engine or heavy-duty vehicle subject to any of the provisions of this subpart shall establish, maintain, and retain the following adequately organized and indexed records:

(1) *General records.* A description of all equipment used to test engines or vehicles in accordance with § 86.1111-87, pursuant to PCA testing under this subpart, specifically:

(i) If testing heavy-duty gasoline engines, the equipment requirements specified in §§ 86.1306-84 and 86.1506-84 of this part.

(ii) If testing heavy-duty diesel engines, the equipment requirements specified in §§ 86.1306-84, 86.1506-84, 86.879-6, 86.879-8 and 86.879-9 of this part;

(iii) If testing light-duty gasoline-fueled trucks, the equipment requirements specified in §§ 86.106 (excluding all references to particulate emission testing) and 86.1506-84 of this part; and

(iv) If testing light-duty diesel trucks, the equipment requirements specified in § 86.106 (excluding all references to evaporative emission testing) of this part.

(2) *Individual records.* These records pertain to each Production Compliance Audit conducted pursuant to this subpart.

(i) The date, time, and location of each test;

(ii) The number of hours of service accumulated on the engine or the number of miles on the vehicle when the test began and ended;

(iii) The names of all supervisory personnel involved in the conduct of the Production Compliance Audit;

(iv) A record and description of any repair performed, giving the date and time of the repair, the reason for it, the person authorizing it, and the names of all personnel involved in the supervision and performance of the repair;

(v) The date when the engine or vehicle was shipped from the assembly plant or associated storage facility and

when it was received at the testing facility;

(vi) A complete record of all emission tests performed pursuant to this subpart (except tests performed by EPA directly), including all individual worksheets and/or other documentation relating to each test, or exact copies thereof, specifically—

(A) If testing heavy-duty gasoline engines, the record requirements specified in §§ 86.1342-84 and 86.1542-84 of this part;

(B) If testing heavy-duty diesel engines, the record requirements specified in §§ 86.1342-84, 86.1542-84, and § 86.879-10; (§ 86.337-79 for subpart D testing only).

(C) If testing light-duty gasoline fueled trucks, the record requirements specified in §§ 86.142 (excluding all references to diesel vehicles) and 86.1542-84; and

(D) If the testing light-duty diesel trucks, the record requirements specified in § 86.142; and

(vii) A brief description of any significant Production Compliance Audit events commencing with the test engine or vehicle selection process, but not described by any subparagraph under paragraph (a)(2) of this section, including such extraordinary events as engine damage during shipment or vehicle accident.

(3) The manufacturer shall record the test equipment description, pursuant to paragraph (a)(1) of this section, for each test cell that was used to perform emission testing under this subpart.

(b) The manufacturer shall retain all records required to be maintained under this subpart for a period of six (6) years after completion of all testing. Records may be retained as hard copy or reduced to microfilm, punch cards, etc., depending upon the manufacturer's record retention procedure, provided that in every case all the information contained in the hard copy is retained.

**§ 86.1109-87 Entry and access.**

(a) To allow the Administrator to determine whether a manufacturer is complying with the provisions of this subpart, EPA Enforcement Officers are

authorized to enter any of the following (during operating hours and upon presentation of credentials):

(1) Any facility where any engine or vehicle to be introduced into commerce or any emission related component is manufactured, assembled, or stored;

(2) Any facility where any tests conducted pursuant to a PCA request or any procedures or activities connected with these tests are or were performed;

(3) Any facility where any engine or vehicle which is being tested, was tested, or will be tested is present; and

(4) Any facility where any record or other document relating to any of the above is located.

(b) Upon admission to any facility referred to in paragraph (a) of this section, EPA Enforcement Officers are authorized to perform the following inspection-related activities:

(1) To inspect and monitor any aspects of engine or vehicle manufacture, assembly, storage, testing and other procedures, and the facilities in which these procedures are conducted.

(2) To inspect and monitor any aspect of engine or vehicle test procedures or activities, including, but not limited to, monitoring engine or vehicle selection, preparation, service or mileage accumulation, preconditioning, repairs, emission test cycles, and maintenance; and to verify calibration of test equipment;

(3) To inspect and make copies of any records or documents related to the assembly, storage, selection and testing of an engine or vehicle; and

(4) To inspect and photograph any part or aspect of any engine or vehicle and any component used in the assembly thereof that is reasonably related to the purpose of the entry.

(c) EPA Enforcement Officers are authorized to obtain reasonable assistance without cost from those in charge of a facility to help them perform any function listed in this subpart and are authorized to request the manufacturer conducting the PCA to make arrangement with those in charge of a facility operated for its benefit to furnish reasonable assistance without cost to EPA, whether or not the manufacturer controls the facility.

(d) EPA Enforcement Officers are authorized to seek a warrant or court

order authorizing the EPA Enforcement Officers to conduct activities related to entry and access as authorized in this section, as appropriate, to execute the functions specified in this section. EPA Enforcement Officers may proceed ex parte to obtain a warrant whether or not the Enforcement Officers first attempted to seek permission of the manufacturer conducting the PCA or the party in charge of the facilities in question to conduct activities related to entry and access as authorized in this section.

(e) A manufacturer that conducts a PCA shall permit EPA Enforcement Officers who present a warrant or court order as described in paragraph (d) of this section to conduct activities related to entry and access as authorized in this section and as described in the warrant or court order. The manufacturer shall cause those in charge of its facility or a facility operated for its benefit to permit EPA Enforcement Officers to conduct activities related to entry and access as authorized in this section pursuant to a warrant or court order whether or not the manufacturer controls the facility. In the absence of such a warrant or court order, EPA Enforcement Officers may conduct activities related to entry and access as authorized in this section only upon the consent of the manufacturer or the party in charge of the facilities in question.

(f) It is not a violation of this part or the Clean Air Act for any person to refuse to permit EPA Enforcement Officers to conduct activities related to entry and access as authorized in this section without a warrant or court order.

(g) A manufacturer is responsible for locating its foreign testing and manufacturing facilities in jurisdictions in which local foreign law does not prohibit EPA Enforcement Officers from conducting the entry and access activities specified in this section. EPA will not attempt to make any inspections which it has been informed that local foreign law prohibits.

(h) For purposes of this section, the following definitions are applicable:

(1) *Presentation of Credentials* means display of the document designating a person as an EPA Enforcement Officer.

(2) Where engine or vehicle storage areas or facilities are concerned, *operating hours* means all times during which personnel other than custodial personnel are at work in the vicinity of the area or facility and have access to it.

(3) Where facilities or areas other than those covered by paragraph (h)(2) of this section are concerned, *operating hours* means all times during which an assembly line is in operation, engine or vehicle assembly is taking place, testing repair, service accumulation, preparation or compilation of records is taking place, or any other procedure or activity related to engine or vehicle manufacture, assembly or testing is being carried out in a facility.

(4) *Reasonable assistance* includes, but is not limited to, clerical, copying, interpreting and translating services, and making personnel of the facility being inspected available during their working hours on an EPA Enforcement Officer's request to inform the EPA Enforcement Officer of how the facility operates and to answer his or her questions. Any employee whom an EPA Enforcement Officer requests the manufacturer to cause to appear for questioning will be entitled to be accompanied, represented and advised by counsel.

**§ 86.1110-87 Sample selection.**

(a) Engines or vehicles comprising a test sample which are required to be tested pursuant to a PCA in accordance with this subpart will be selected at the location and in the manner specified by EPA. If a manufacturer determines that the test engines or vehicles cannot be selected in the manner specified by EPA, an alternative selection procedure may be employed, provided that the manufacturer requests approval of the alternative procedure in advance of the start of test sample selection and that the Administrator approves the procedure.

(b) The manufacturer shall have assembled the test engines or vehicles of the configuration selected for testing using its normal mass production processes for engines or vehicles to be distributed into commerce. In the case of heavy-duty engines, if the test engines are selected at a location where they

do not have their operational and emission control systems installed, EPA will specify the manner and location for selection of components to complete assembly of the engines. The manufacturer shall assemble these components onto the test engines using normal assembly and quality control procedures as documented by the manufacturer.

(c) No quality control, testing, or assembly procedures will be used on the completed test engine or vehicle or any portion thereof, including parts and subassemblies, that will not be used during the production and assembly of all other engines or vehicles of that configuration.

(d) The EPA Enforcement Officers may specify that they, rather than the manufacturer, will select the test engines or vehicles.

(e) The order in which test engines or vehicles are selected determines the order in which test results are to be used in applying the PCA testing plan in accordance with § 86.1112-87.

(f) The manufacturer shall keep on hand all engines or vehicles comprising the test sample until such time as a compliance level is determined in accordance with § 86.1112-87(a) except that the manufacturer may ship any tested engine or vehicle which has not failed in accordance with § 86.1112-87(f)(1). However, once the manufacturer ships any test engine or vehicle, it relinquishes the prerogative to conduct retests as provided in § 86.1111-87(i).

**§ 86.1111-87 Test procedures for PCA testing.**

(a)(1) For heavy-duty engines, the prescribed test procedure for PCA testing is the Federal Test Procedure as described in subparts N, I, and P of this part.

(2) For heavy-duty vehicles, the prescribed test procedure for PCA testing is described in subpart M of this part.

(3) For light-duty trucks, the prescribed test procedure for PCA testing is the Federal Test Procedure as described in subparts B and P of this part.

(4) During the testing of heavy-duty diesel engines, the manufacturer shall decide for each engine, prior to the start of the initial cold cycle, whether